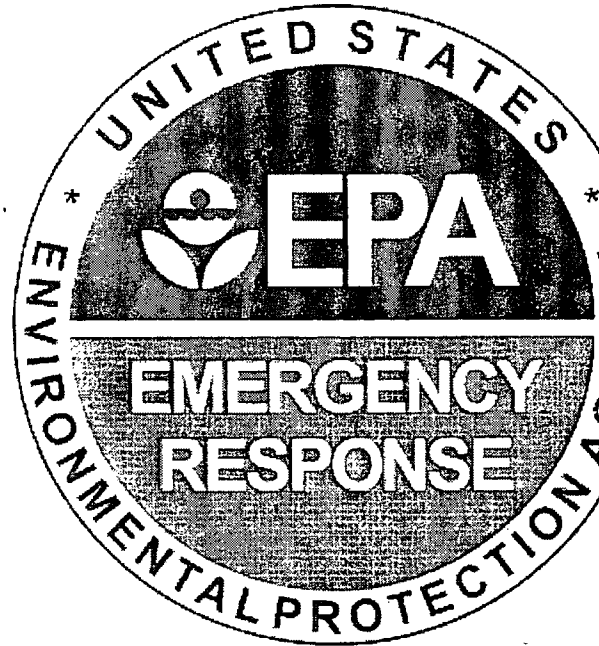


U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Patterson Chemicals Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
final
Patterson Chemicals Site

Detroit, MI
Latitude: 42.2810640 Longitude: -83.1422480

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From: Partap Lall, OSC
Date: 7/12/2011
Reporting Period:

1. Introduction

1.1 Background

Site Number:	B5XJ	Contract Number:	
D.O. Number:		Action Memo Date:	12/16/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	3/21/2011	Start Date:	3/21/2011
Demob Date:	6/7/2011	Completion Date:	6/13/2011
CERCLIS ID:		RCRIS ID:	
ERNS No.:	934901	State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

PRP Removal Action

1.1.2 Site Description

An abandoned chemical manufacturing factory/warehouse has a leaking sulfur well in the large building. Containers scattered around and a number of process tanks mostly partially full. PRP has been contacted and issued and the PRP contractors have started Removal as of 3-21-2011. City of Detroit has participated.

1.1.2.1 Location

The Site is located at

11930 Pleasant St.
Detroit, MI 48217

Latitude: 42.2810640
Longitude: -83.1422480

1.1.2.2 Description of Threat

The Site (latitude 42.280829°North and longitude 83.142623°West) is located at 11930 Pleasant St. in a mixed residential/industrial area. The Site consists of three main buildings, 25 exterior ASTs, and eight other buildings and residential properties, and on the west, north, and east by industrial sites. Site access is unrestricted. Unauthorized access (i.e., trash dumping and vandalism) was observed. Vulnerable county drains and streets are just a short walk.

The Site is the former location of Patterson Laboratories, Inc., a chemical formulation company, and site for formulating commercial chemicals. The Detroit Fire Department (DFD) stated that the Site building contains numerous containers of corrosive, flammable and reactive chemicals in various stages of deterioration.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

During the site assessment, the following observations were made. Building 1 is a small outbuilding located near the site entrance. It contains 27 drums and containers, ranging in size from 5 to 55 gallons, and at least 40 small containers, ranging in size from 1 to 5 gallons, many of which have open bung holes. Evidence of leaking drums and containers is present given that floor staining is visible throughout the building. Debris and general refuse are strewn throughout the building. In addition, Building 1 contains numerous chemicals.

Building 2 is the large main building at the Site. This building contains the following uncontrolled materials: drums ranging from 5 to 55 gallons; eight ASTs; totes; small containers; one standing pipe that was plugged by DWS. The pipe is 18 feet high. H₂S readings at the well head ranged from 5 to 70 ppm. There were no readings of H₂S observed at this building. The building is structurally damaged and one area of the building contains a large hole in the roof. There is a leak in Building 2 and leaking through cracks of the Building 2 foundation and onto surface concrete.

Building 3 is a large building located directly north of Building 2. In this building, a dark brown liquid is visible in an area, measuring approximately 10 feet by 15 feet, where standing oil is located near two pieces of hazardous waste.

Samples taken during site assessment confirmed leaking corrosive materials, flammables and reactive materials.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

PRP contractor Dynecol, Inc. and management contractor D'Angelo mobilized to the site at 8 AM on 4/25/2011.

As of 4/25/2011, following tasks have been completed:

1. Lab Packs have been prepared and are awaiting disposal approval by Dynecol.
2. Drums have been characterized and are in the process of profiling for disposal.
3. Out of a total of 54 ASTs on site 31 have been cleaned. Contents of these tanks have been either transported or disposed.
4. A total of 13 tanks remain to be cleaned.
5. A total of 10 tanks were deemed empty and did not require further cleaning.

From 4/25/2011 to 5/19/2011

6. All tanks have been cleaned and disabled.
7. A total of 23 loads of hazardous waste including lab packs and drum waste were profiled, approved for disposal (see disposal matrix).
8. A total of 16 loads of non-haz and manifested liquid waste and a 20 yard roll-off box of solids waste were disposed.
9. Sulfur well was permanently capped.

From 5/19/2011 thru 6/7/2011

10.Seven pounds of Mercury from thermostat was disposed off at battery solutions.

11.Asbestos survey was conducted and an area where pipe wrap consisted of friable ACM was ab

12.Samples from floors and drains were taken and analysed at an outside lab to rule out further co

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

It is a PRP removal

2.1.4 Progress Metrics

DATE	MANIFEST #	Disposal Facility	WASTE CODE	Waste Material
03/29/11	007246758 JJK	dynecol	D002	Spent Acids
03/29/11	008161671 JJK		D001 U154	Solvents and Methanol
03/29/11	007246757 JJK		D002	Spent Acids
03/30/11	007246762 JJK		D002	Spent Acids
03/31/11	008161669 JJK		D002	Spent Acids
04/01/11	007246765 JJK		D002	Spent Acids
04/21/11	007246803 JJK		D002	Spent Acids
04/22/11	008162391 JJK		D002	Spent Acids
05/04/11	008162483JJK		D001 U154	Solvents and Methanol
05/04/11	008162483JJK		D001 D001 U122	Solvents, Methanol, and
05/04/11	008162483JJK		D001 D002	Solvents and Spent Acids
05/04/11	008162483JJK		D001 D002	Solvents and Spent Acids
05/04/11	008162484JJK		D003	Sodium hypochlorites
05/04/11	008162484JJK		U228 D008 D011 D019 D040	Trichloroethylene, Lead
05/04/11	008162484JJK		D002	Spent Acids
05/04/11	008162484JJK		D002	Spent Acids
05/04/11	008162480JJK		D001	Solvents
05/04/11	008162480JJK		D001	Solvents
05/04/11	008162480JJK		D002	Spent Acids
05/04/11	008162485JJK		D002	Spent Acids
05/04/11	008162485JJK		D001 D002 D018	Solvents, Spent Acids
05/04/11	008162485JJK		072U D002	Sodium hypochlorites
05/04/11	008689093JJK		U154 D001	Methanol and Solvent
	23 haz	14,080 gallons		

DATE	MANIFEST #	Disposal Facility	WASTE CODE	Waste Material	GALLONS	
03/25/11	008161672 JJK	dynecol	029L	Other Wastes	650	650
04/22/11	008162392 JJK		029L	Other Wastes	1250	1250

04/25/11008162393 JJK	029L	Other Wastes	850	850
05/04/11008162480JJK	029L	Other Wastes	55	55
05/04/11008162485JJK	029L 021L	Other Wastes, Oil	360	360
05/04/11008162481JJK	029L	Other Wastes	825	825
05/04/11008162481JJK	029L	Other Wastes	20	20
05/04/11008162481JJK	N/A	N/A	160	160
05/04/11008162481JJK	N/A	N/A	100	100
05/04/11008689093JJK	12246		2600	2600
05/04/11008162482JJK	N/A	N/A	400	400
05/04/11008162482JJK	N/A	N/A	500	500
05/04/11008162482JJK	N/A	N/A	500	500
05/04/11008689093JJK	NONE	N/A	2600	2600
05/05/11008689116JJK	029L	Other Wastes	1750	1750
05/19/11008689305JK	NONE	N/A	20 cubic Yards	
16 non haz				
06/07/11	D009	Hg	7 lbs	

2.2 Planning Section

2.2.1 Anticipated Activities

Removal work has been completed. The owner's representative has hired a scapper to recycle the

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

None.

2.2.2 Issues

None

2.3 Logistics Section

2.4 Finance Section

2.5 Safety Officer

2.6 Liaison Officer

2.7 Information Officer

3. Participating Entities

3.1 Unified Command

3.2 Cooperating and Assisting Agencies

4. Personnel On Site

5. Definition of Terms

6. Additional sources of information

6.1 Internet location of additional information/reports

6.2 Reporting Schedule

7. Situational Reference Materials